## DETAILED ACTION

1.    This communication is in response to the amendment filed on 09/10/2009.

      After thorough search and examination of the present application and in light of

the prior art made of record, claims 1, 3, 4, 18-21, 25 and 27-37 (renumbered as 1-19)

are allowed.

      Claims 2, 5-17, 22-24, and 26 have been cancelled.


## EXAMINER'S AMENDMENT

2.    An examiner's amendment to the record appears below. Should the changes

and/or additions be unacceptable to applicant, an amendment may be filed as provided

by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be

submitted no later than the payment of the issue fee.

      Authorization for this examiner's amendment was given in a telephone

interview/email with Attorney, Ryan T. Grace Registration No. 52,956 on December 3,

2009. A copy of the email from the Attorney with proposed amendments is also being

attached.

      **Please amend the claims, which were filed on 09/10/2009 with new versions**

**as follows:**


1.    (Previously Presented) A computer-implemented method of replicating data

using a manifest file, comprising:

creating a manifest file at a resource supplying computer device, the manifest file including an identifier of each of a plurality of resources of a resource group that exists at the resource supplying computer device, wherein the manifest file mandates that each of the plurality of resources of the resource group complete a transmission between the resource supplying computer device and a resource receiving computer device and exist on the resource receiving computer device before granting access to any of the plurality of resources of the resource group on the resource receiving computer device;

generating a change order on the resource supplying computer device, wherein the change order includes an indicator that the change order is associated with the manifest file;

transmitting the change order from the resource supplying computer device to the resource receiving computer device;

on the resource receiving computer device, identifying, from the indicator, that the change order is associated with the manifest file;

causing the manifest file to be reproduced at the resource receiving computer device;

in response to the manifest file being reproduced at the resource receiving computer device, beginning a replication operation, wherein the replication operation includes a transfer duration during which each of the plurality of resources of the resource group are being transmitted between the resource supplying computer device and the resource receiving computer device; and

during the transfer duration:

identifying whether each resource identified in the manifest file has completed transmission and exists at the resource receiving computer device by comparing each resource of the resource group identified in the manifest file to a database that identifies resources of the resource receiving computer device;

when each resource of the resource group identified in the manifest file has not completed transmission and does not exist at the resource receiving computer device, preventing access to all resources of the group identified in the manifest file regardless of whether any resources of the group have completed transmission and exist on the resource receiving computer device; and

only when each resource of the resource group identified in the manifest file has completed transmission and does exist at the resource receiving computer device, updating the system registry to include all the resources of the resource group.

2.      (Cancelled)

3.      (Previously presented) The computer-implemented method of claim 1, wherein the identifier of each resource of the resource group includes a version identifier associated with the resource.

4.      (Previously presented) The computer-implemented method of claim 3, wherein identifying whether each resource of the resource group has completed transmission

and exists at the resource receiving computer device includes comparing the version

identifier of the resource with another version identifier associated with another copy of

the resource stored at the resource receiving computer device.


5.-17. (Cancelled)


18.     (Currently amended) A computer-readable storage medium having computer-

executable instructions that facilitates a replication of data using a manifest file,

comprising:

        receiving a change order on a resource receiving computer device ~~second~~

~~member~~, wherein the change order includes an indicator that the change order is

associated with a manifest file, wherein the manifest file includes an identifier of each of

a plurality of resources of a resource group that exists at a resource supplying computer

device ~~first member~~, wherein the manifest file mandates that each of the plurality of

resources of the resource group complete a transmission between the resource

supplying computer device ~~first member~~ and a resource receiving computer device

~~second member~~ and exist on the resource receiving computer device ~~second member~~

before granting access to any of the plurality of resources of the resource group;

        identifying, from the indicator, that the change order is associated with the

manifest file;

        causing the manifest file to be reproduced at the resource receiving computer

device ~~second member~~;

in response to the manifest file being reproduced at the <u>resource receiving computer device</u> ~~second member~~, beginning a replication operation, wherein the replication operation includes a transfer duration during which each of the plurality of resources of the resource group are being transmitted between the <u>resource supplying computer device</u> ~~first member~~ and the <u>resource receiving computer device</u> ~~second member~~; and

during the transfer duration:

identifying whether each resource identified in the manifest file has completed transmission and exists at the <u>resource receiving computer device</u> ~~second member~~ by comparing each resource of the resource group identified in the manifest file to a database that identifies resources of the <u>resource receiving computer device</u> ~~second member~~;

when each resource of the resource group identified in the manifest file has not completed transmission and does not exist at the <u>resource receiving computer device</u> ~~second member~~, preventing access to all resources of the group identified in the manifest file regardless of whether any resources of the group have completed transmission and exist on the <u>resource receiving computer device</u> ~~second member~~; and

when each resource of the resource group identified in the manifest file has completed transmission and does exist at the <u>resource receiving computer device</u> ~~second member~~, providing access to all the resources of the resource group.

19.      (Previously presented) The computer-readable storage medium of claim 18,
wherein the manifest file further comprises a globally-unique identifier for each resource
of the resource group.


20.      (Previously presented) The computer-readable storage medium of claim 18,
wherein the manifest file further comprises a version identifier for each resource of the
resource group.


21.      (Previously presented) The computer-readable storage medium of claim 18,
wherein the manifest file includes an expiration identifier that identifies an amount of
time for replicating each resource of the resource group.


22.-24.       (Cancelled)


25.      (Currently amended) A computer system that facilitates the replication of data
using a manifest file, comprising:

        a processor; and

        a memory having computer-executable instructions configured to:

        receive a change order on a resource receiving computer device second
member, wherein the change order includes an indicator that the change order is
associated with a manifest file, wherein the manifest file includes an identifier of each of
a plurality of resources of a resource group that exists at a resource supplying computer

device ~~first member~~, wherein the manifest file mandates that each of the plurality of

resources of the resource group complete a transmission between the resource

supplying computer device ~~first member~~ and a resource receiving computer device

~~second member~~ and exist on the resource receiving computer device ~~second member~~

before granting access to any of the plurality of resources of the resource group;

identify, from the indicator, that the change order is associated with the manifest

file;

cause the manifest file to be reproduced at the resource receiving computer

device ~~second member~~;

in response to the manifest file being reproduced at the resource receiving

computer device ~~second member~~, begin a replication operation, wherein the replication

operation includes a transfer duration during which each of the plurality of resources of

the resource group are being transmitted between the resource supplying computer

device ~~first member~~ and the resource receiving computer device ~~second member~~; and

during the transfer duration:

identify whether each resource identified in the manifest file has completed

transmission and exists at the resource receiving computer device ~~second member~~ by

comparing each resource of the resource group identified in the manifest file to a

database that identifies resources of the resource receiving computer device ~~second~~

~~member~~;

when each resource of the resource group identified in the manifest file has not

completed transmission and does not exist at the resource receiving computer device

~~second member~~, prevent access to all resources of the group identified in the manifest

file regardless of whether any resources of the group have completed transmission and

exist on the <u>resource receiving computer device</u> ~~second member~~; and

when each resource of the resource group identified in the manifest file has

completed transmission and does exist at the <u>resource receiving computer device</u>

~~second member~~, provide access to all the resources of the resource group.


26.    (Cancelled)


27.    (Currently amended) The system of claim 25, wherein the <u>resource</u>

<u>receiving computer device</u> ~~second member~~ is configured to replicate the manifest file by

fetching the manifest file.


28.    (Currently amended) The system of claim 25, wherein the <u>resource</u>

<u>receiving computer device</u> ~~second member~~ is further configured to mark the change

order as handled and store the change order in an outbound log.


29.    (Currently amended) The system of claim 25, wherein the <u>resource</u>

<u>receiving computer device</u> ~~second member~~ is further configured to disseminate the

change order to <u>another computer device</u> ~~a third member.~~

30.    (Previously presented) The system of claim 25, wherein the manifest file includes an execution order.

31.    (Previously presented) The system of claim 25, wherein the manifest file includes a security token.

32.    (Currently amended) The computer-implemented method of claim 1, wherein the manifest file further includes an option identifier, wherein the option identifier causes an application associated with the resource group to launch only if resource version levels of the resource group on the <u>resource receiving computer device</u> ~~second member~~ match resource version levels of the resource group indicated in the manifest file.

33.    (Currently amended) The computer-implemented method of claim 1, wherein the manifest file further includes an option identifier, wherein the option identifier causes an application associated with the resource group to launch if version levels of the resource group on the <u>resource receiving computer device</u> ~~second member~~ are greater than resource version level of the resource group indicated in the manifest file.

34.    (Currently amended) The computer-readable storage medium of claim 18, wherein the manifest file further includes an option identifier, wherein the option

identifier causes an application associated with the resource group to launch only if

resource version levels of the resource group on the <u>resource receiving computer</u>

<u>device</u> ~~second member~~ match resource version levels of the resource group indicated in

the manifest file.


35.    (Currently amended) The computer-readable storage medium of claim 18,

wherein the manifest file further includes an option identifier, wherein the option

identifier causes an application associated with the resource group to launch if version

levels of the resource group on the <u>resource receiving computer device</u> ~~second member~~

are greater than resource version level of the resource group indicated in the manifest

file.


36.    (Currently amended) The system of claim 25, wherein the manifest file

further includes an option identifier, wherein the option identifier causes an application

associated with the resource group to launch only if resource version levels of the

resource group on the <u>resource receiving computer device</u> ~~second member~~ match

resource version levels of the resource group indicated in the manifest file.


37.    (Currently amended) The system of claim 25, wherein the manifest file

further includes an option identifier, wherein the option identifier causes an application

associated with the resource group to launch if version levels of the resource group on

the <u>resource receiving computer device</u> <s>second member</s> are greater than resource

version level of the resource group indicated in the manifest file.


### Reason for Allowance

3.       The prior art made of record does not teach or fairly suggest the combination of

elements, as recited in independent claims 1, 18 and 25.

       More specifically, the prior art of records does not specifically suggest the

combination of "identifying whether each resource identified in the manifest file has

completed transmission and exists at the resource receiving computer device by

comparing each resource of the resource group identified in the manifest file to a

database that identifies resources of the resource receiving computer device; when

each resource of the resource group identified in the manifest file has not completed

transmission and does not exist at the resource receiving computer device, preventing

access to all resources of the group identified in the manifest file regardless of whether

any resources of the group have completed transmission and exist on the resource

receiving computer device; and when each resource of the resource group identified in

the manifest file has completed transmission and does exist at the resource receiving

computer device, updating the system registry to include all the resources of the

resource group" in combination with all the other limitations in the independent claims 1,

18 and 25.

       These features together with other limitations of the independent claim are novel

and non-obvious over the prior art of record.  The dependent claims 3-4, 19-21, and 27-

37 being definite, enabled by the specification, and further limiting to the independent claims, are also allowable.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."


***Contact Information***

4.      Any inquiry concerning this communication or earlier communications from the examiner should be directed to USMAAN SAEED whose telephone number is (571)272-4046. The examiner can normally be reached on M-F  8-5.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Hosain Alam can be reached on (571)272-3978. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the

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published applications may be obtained from either Private PAIR or Public PAIR.

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you have questions on access to the Private PAIR system, contact the Electronic

Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a

USPTO Customer Service Representative or access to the automated information

system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.


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